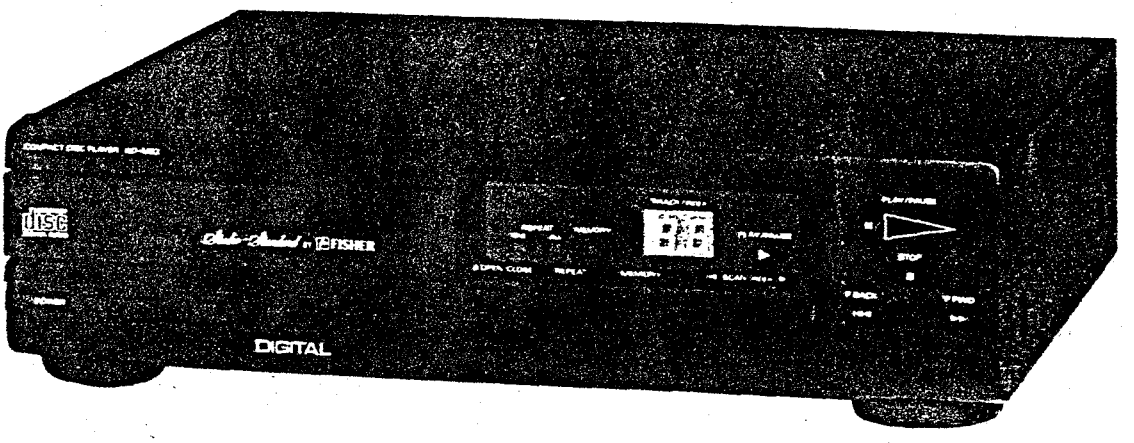
FISHER

(D)	**Bedienungsanleitung**	**Digital-Compact-Disc-Spieler AD-M82**
(F)	**Mode d'emploi**	**Lecteur numérique de compact disc AD-M82**
(GB)	**Operating Instructions**	**Digital Compact Disc Player AD-M82**
(S)	**Bruksanvisning**	**Digital CD-spelare AD-M82**
(NL)	**Gebruiksaanwijzing**	**Digitale kompakt diskspeler AD-M82**
(SF)	**Käyttöohje**	**Digitaalinen laserlevysoitin AD-M82**



Studio-Standard

AD-M82

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Zur Beachtung

Die vorliegende Bedienungsanleitung enthält alle notwendigen Informationen und Hinweise für einen zufriedenstellenden Umgang mit Ihrem FISHER-Compact-Disc-Spieler. Falls Sie den CD-Spieler selbst installieren, bitten wir Sie beim Anschließen des Geräts an die anderen Komponenten Ihrer Stereo-Anlage um besondere Sorgfalt. Ausführliche Hinweise hierzu finden Sie auf den folgenden Seiten.

Der CD-Spieler wurde werkseitig auf eine Netzspannung von 220V, 50Hz eingestellt.

Ihr FISHER-CD-Spieler ist so ausgelegt, daß er gegen Temperatur- und Spannungsschwankungen, wie sie auch unter normalen Betriebsbedingungen auftreten können, unempfindlich ist. Im Interesse einer langen Lebensdauer und hohen Betriebssicherheit sollte das Gerät **keinesfalls** extrem hoher Hitzeeinwirkung (z.B. in der Nähe von Heizgeräten und Heizkörpern oder durch direkte Sonneneinstrahlung) oder extremer Feuchtigkeit ausgesetzt werden. Netzspannungsschwankungen von über ±10% können zu mangelhaftem Leistungsverhalten oder zu einem Geräteausfall führen. Sollten Sie in dieser Beziehung irgendwelche Fragen haben, wenden Sie sich bitte an Ihren FISHER-Fachhändler um ausführliche Beratung.

Zur Inbetriebnahme des Geräts müssen die Ausgangskabel mit dem Doppelcassettendeck-Receiver und das Netzkabel mit einer Steckdose verbunden werden.

Folgen Sie bitte Schritt für Schritt allen Anweisungen für Anschluß und Bedienung des Geräts. Dann werden Sie innerhalb kürzester Zeit alles notwendige Wissen für den richtigen Umgang mit Ihrem FISHER-CD-Spieler erworben haben.

Bevor das Gerät zum ersten Mal eingeschaltet wird, prüfen Sie bitte, ob alle vorgeschriebenen Anschluß- und Installationsarbeiten ausgeführt worden sind. Der Lautstärkeregler am Doppelcassettendeck-Receiver muß ganz zurückgedreht sein.

Für sicheren und effizienten Betrieb

- Wählen Sie den Ort, an dem der CD-Spieler aufgestellt werden soll, sorgfältig aus. Meiden Sie Orte mit direkter Sonneneinstrahlung. Stellen, die Vibration oder außergewöhnlich hoher Staub-, Hitze-, Kälte- bzw. Feuchtigkeitseinwirkung ausgesetzt sind, eignen sich ebenfalls nicht als Aufstellungsort. Halten Sie den CD-Spieler außerdem von Geräten mit Transformatoren oder Elektromotoren fern, da diese Brummspannungen erzeugen können.
- Betreiben Sie das Gerät nicht bei extremen Umgebungstemperaturen (unter 5°C oder über 35°C).
- Lassen Sie das Gehäuse geschlossen, da andernfalls die Gefahr von Beschädigungen am Gerät oder von elektrischen Schlägen droht.
- Achten Sie darauf, CD-Platten nur mit sauberen Händen anzufassen und legen Sie niemals eine Platte mit Rissen an der Oberfläche in das Gerät ein.
- Ziehen Sie das Netzkabel nur am Netzstecker aus der Steckdose. Das Kabel sollte keinesfalls durch Reißen von der Steckdose getrennt werden.
- Beim Betätigen der Bedienteile darf niemals Gewalt angewendet werden.
- Wenn der Standort des Geräts verändert werden soll, sind stets unbedingt der Netzstecker herauszuziehen und alle Kabelverbindungen abzutrennen.
- Damit der Laser-Abtaster nicht verschmutzt, vergessen Sie nicht, den Disc-Halter stets geschlossen zu halten.

- Reinigen Sie den CD-Spieler niemals mit chemischen Lösungsmitteln, da hierdurch die Oberflächenbeschichtung beschädigt werden kann. Verwenden Sie zum Reinigen lediglich ein sauberes Tuch.
- Bewahren Sie diese Bedienungsanleitung zum späteren Nachschlagen gut auf.
- Bei Fehlfunktionen des Geräts versuchen Sie bitte **keinesfalls** das Gehäuse abzunehmen und die Störung selbst zu beseitigen. Überlassen Sie derartige Servicearbeiten stets einer autorisierten FISHER-Kundendienststelle.

SICHERHEITSBESTIMMUNGEN / CERTIFICAT DE SÉCURITÉ / SAFETY CERTIFICATION SÄKERHETSFÖRESKRIFTER / VEILIGHEIDSCERTIFIKAAT / TURVALLISUUDEN VARMENNUS

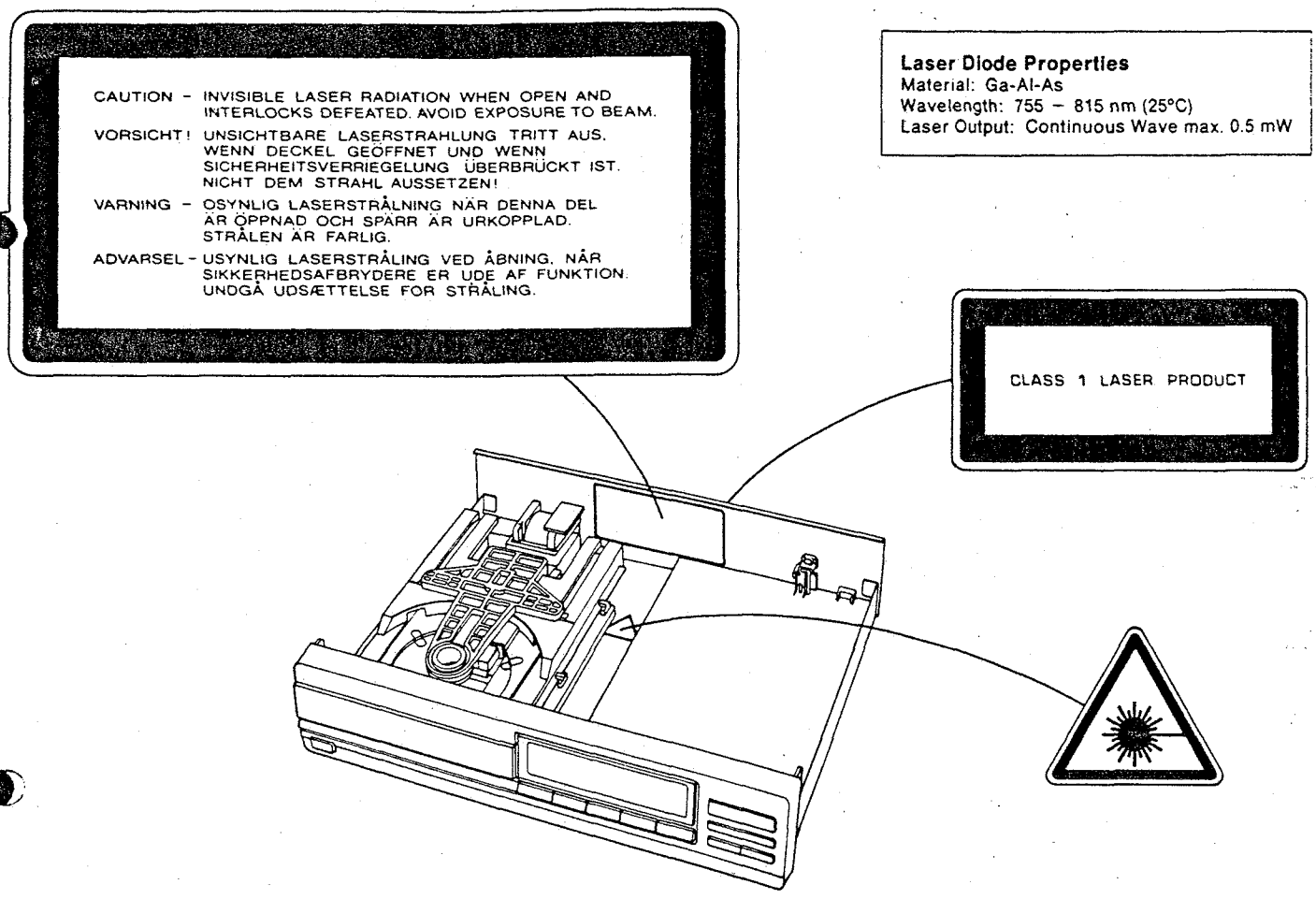
CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
VORSICHT! UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN!
VARNING - OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD. STRÅLEN ÄR FARLIG.
ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.
Laser Diode Properties
Material: Ga-Al-As
Wavelength: 755 – 815 nm (25°C)
Laser Output: Continuous Wave max. 0.5 mW
CLASS 1 LASER PRODUCT

Abb. 1 /Fig. 1 /Afb. 1 /Kuva 1

ACHTUNG – WENN ANDERE ALS DIE HIER BESCHRIEBENEN BEDIENUNGS- ODER JUSTIEREINRICHTUNGEN BENÜTZT ODER ANDERE ARBEITEN AUSGEFÜHRT WERDEN, KANN DIES ZU GEFÄHRLICHER STRAHLUNGSEINWIRKUNG FÜHREN.

ATTENTION – L'EMPLOI D'ORGANES DE COMMANDE OU DE RÉGLAGE, OU L'EXÉCUTION DE PROCÉDURES, AUTRES QUE CEUX SPÉCIFIÉS DANS LE MODE D'EMPLOI, PEUT PROVOQUER UNE EXPOSITION DANGEREUSE AU RAYONNEMENT.

CAUTION – USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

VARNING – BRUK AV KONTROLLER, JUSTERINGAR ELLER MANÖVRERING AV APPARATEN PÅ ANNAT SÄTT ÄN VAD SOM HÄR ANGIVS KAN INNEBÄRA STRÅLNINGSRISK.

OPGELET – HET GEBRUIK VAN REGELAARS OF HET MAKEN VAN AFSTELLINGEN E.D. DIE NIET IN DEZE GEBRUIKSAANWIJZING ZIJN BESCHREVEN KAN LEIDEN TOT SCHADELIJKE STRALINGEN.

CAUTELA – L'USO DI COMANDI, AGGIUSTAMENTI O PROCEDIMENTI DIVERSO DA QUELLO QUI SPECIFICATO PUÒ DAR LUOGO AD ESPOSIZIONE A RADIAZIONI PERICOLOSE.

VAROITUS – MUIDEN TOIMINTOJEN KUIN NÄIDEN, JOTKA OVAT TÄSSÄ ERITELTYNÄ, JA ERILAINEN SÄÄTIMIEN TAI JA SÄÄDÄNTÖJEN KÄYTTÖ SAATTAA JOHTAA VAARALLISEN SÄTEILYN SYNTYMISEEN.

General Information

This manual is designed to give all necessary information and instructions for the successful operation of your FISHER Compact Disc Player. If you are installing the unit yourself, please pay careful attention to the section on connecting the CD player to other units in your sound system. Complete information is given on the following pages.

This unit has been adjusted for operation on AC 220 volts, 50Hz.

Your FISHER CD player is designed to be insensitive to temperature and voltage changes under normal conditions. For longer service life and operating safety, the CD player should **not** be placed near sources of extreme heat (close to heating units, radiators or direct sunlight) or areas of high humidity. Voltage fluctuations greater than ±10% can lead to poor performance or breakdown. Should you have any questions on these points, please consult with your FISHER dealer for further information.

To bring your CD player into operation, the output cable has to be connected to the double cassette receiver and the power cable has to be plugged into an AC wall outlet.

Follow the connection and operating instructions carefully in a step-by-step manner and, within a short time, you will have gained all knowledge needed for successful operation of your FISHER CD player.

Before the unit is switched on for the first time, please check that all connections and installation requirements have been completed. The Volume control on the double cassette receiver should be set to the minimum position.

For Safe and Efficient Operation

- Select the installation location of your unit carefully. Avoid placing it in direct sunlight. Also avoid locations subject to vibration and excessive dust, heat, cold or moisture. Keep away from sources of hum, such as transformers or motors.
- Do not use this compact disc player where there are extremes in temperature (below 41°F/5°C or exceeding 95°F/35°C).
- Do not open the cabinet as this might result in damage to the set or electrical shock.
- Be sure your hands are clean when handling discs. Never insert a disc which has a crack on its surface.
- When disconnecting the power cord from the AC outlet, always grasp it by the plug. Never pull the cord.
- Do not use force when operating the switches and buttons.
- Before moving the set, be sure to disconnect the power cord and all connecting cables.
- To keep the laser pickup clean, do not forget to close the disc tray.
- Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.
- Keep this manual in a safe place for future reference.
- If the unit malfunctions, **do not** open the cabinet to attempt repairs yourself. Always request service at an authorized FISHER service center.

Controls on the Front Panel (Fig. 2)

1. **POWER Switch**
   Set the VOLUME control on the double cassette receiver to its minimum level. Press this switch to set the power to ON. The TRACK/INDEX display will show «0» (when a disc has not been loaded).
   To switch the power off, press the POWER switch again.

2. **Disc Tray**
   When the CD player is switched on, press the OPEN/CLOSE button to open this tray. Press the OPEN/CLOSE button again, or gently push in on the front of the tray to close this tray.

3. **OPEN/CLOSE Button**
   Press this button to open the disc tray. «OP» will flash in the TRACK/INDEX display while the disc tray opens.
   Press this button again to close the disc tray.

4. **TRACK/INDEX Display**
   When the power is switched on, if the disc tray is open, or if a disc has been loaded upside down, «0» will be displayed.
   If the disc has been loaded properly, the total number of tracks on the disc will be displayed and then, after several seconds, «1».
   When selecting a track, the corresponding track number will be displayed. When selecting a track after pressing the MEMORY button once, the corresponding track number shown on the display will flash.
   When an index is selected, the corresponding index number shown on the display will flash. If an index that is not on the disc is selected, disc play will start at the beginning of the selected track.
   During normal or programmed disc play, if the SCAN/INDEX ▶▶| or |◀◀ button is pressed and held down, the elapsed playing time will be displayed (in seconds).
   During normal or programmed disc play, the current track number will be displayed.

5. **PLAY/PAUSE Button**
   Press this button after loading a disc to start disc play (**play mode**). The PLAY indicator will light.
   Press this button again to temporarily stop disc play (**pause mode**). In the pause mode, the PLAY indicator will flash.

6. **PLAY Indicator**

Current mode:	Indication
Play	On
Pause	Flashing
Stop	Off

7. **STOP Button**
   When this button is pressed during normal disc play, disc play will stop. The TRACK/INDEX display will show «1». The CD player will remain in the stop mode.
   When this button is pressed during programmed disc play, disc play will stop. The TRACK/INDEX display will show the programmed track being played. If this button is pressed again, the program memory will be cleared. The TRACK/INDEX display will show «1». The CD player will remain in the stop mode.

8. **REPEAT Button**
   Press this button once for repeat disc play of all the tracks on a disc, or all the programmed tracks. Press this button a second time for repeat disc play of one track. Press this button a third time to end repeat disc play.

9. ALL REPEAT and ONE REPEAT Indicators

The ALL REPEAT indicator will light when the REPEAT button is pressed once.
The ONE REPEAT indicator will light when the REPEAT button is pressed a second time.
The ONE REPEAT indicator will go off if the REPEAT button is pressed a third time, if the disc tray is opened, or if the power is switched off.

10. MEMORY Button

Use this button to store tracks for programmed disc play. See Programmed Disc Play.

11. MEMORY Indicator

This indicator will light when the MEMORY button is pressed during the stop mode.
This indicator will go off when the STOP button is pressed once during programming or twice during programmed disc play, if the disc tray is opened, or if the power is switched off.

12. Track Search Buttons

Press one of these buttons to quickly advance (or return) to the desired tracks on the disc.

- **F FWD:** When this button is pressed once, and then the PLAY/PAUSE button is pressed, the CD player will advance to the beginning of the next track.
  Each time this button is pressed again, the CD player will skip to the beginning of the next track, until the TRACK/INDEX display shows the number of the last track.
  Holding this button down causes the tracks to be changed in order until the beginning of the last track is reached. The CD player will stop at the beginning of the last track.
  Holding this button down during disc play, even after the TRACK/INDEX display shows the number of the last track, results in disc play starting at the beginning of the last track.
- **F BACK:** When this button is pressed once, and then the PLAY/PAUSE button is pressed, the CD player will return to the beginning of the previous track.
  When this button is pressed once during disc play, the CD player will skip to the beginning of the track being played. Each time this button is pressed again, the CD player will skip to the beginning of the previous track.
  Holding this button down causes the tracks to be changed in order, back to the beginning of the first track. The CD player will stop at the beginning of the first track.
  Holding this button down during disc play, even after the TRACK/INDEX display shows «1», results in disc play starting at the beginning of the first track.

NOTES:

- During programmed disc play, fast forward (F FWD) and fast back (F BACK) skipping will be performed between programmed tracks.
- If a track number not present in the disc is selected by pressing the F FWD button while the disc tray is open, or while the CD player is reading the data recorded on the disc after the disc tray closes, the CD player will start disc play at the beginning of the last track.
  If the MEMORY button is pressed before the PLAY/PAUSE button is pressed, the programmed track numbers not present in the disc will be shown on the TRACK/INDEX display. The CD player will automatically search for the next programmed track number present in the disc. Programmed disc play will start from that track.

13. SCAN/INDEX Search Buttons

Press one of these buttons to quickly advance (or return) to any preferred portion of the disc, or to the desired index within a track.

NOTE:

Only a few compact discs are recorded with tracks that contain indexes, while many discs do not contain index-encoded tracks.
If a track does not contain indexes, index numbers can still be selected and displayed while the CD player is in the stop mode, but disc play will always start at the beginning of the selected track.

- ▶|: When the CD player is in the stop mode, if this button is pressed once, the «2» shown on the TRACK/INDEX display will flash. Each time this button is pressed again, the index number shown on the TRACK/INDEX display will increase by one. Holding this button down causes the indexes to be changed in order until the TRACK/INDEX display shows «99».
  During normal disc play, if this button is pressed and held, the CD player will quickly advance through all the tracks in the disc. During programmed disc play, the CD player will quickly advance while the button is being pressed, until the end of the track being played is reached.
- |◀: When the CD player is in the stop mode, if this button is pressed once, the «1» shown on the TRACK/INDEX display will flash. After using the SCAN/INDEX ▶| button, press this button to return to the previous index. Each time this button is pressed again, the index number shown on the TRACK/INDEX display will decrease by one. Holding this button down causes the indexes to be changed in order until the TRACK/INDEX display shows «1».
  During normal disc play, if this button is pressed and held, the CD player will quickly reverse through all the tracks in the disc. During programmed disc play, the CD player will quickly reverse while the button is being pressed, until the beginning of the track being played is reached.

NOTES:

- After selecting an index, if there is no index in the selected track on the disc, disc play will start at the beginning of that track.
- Index numbers cannot be selected while the MEMORY indicator is lit.
- During normal or programmed disc play, while the SCAN/INDEX ▶| or |◀ button is being pressed, the TRACK/INDEX display will show the elapsed playing time (in seconds), and the CD player will quickly advance or reverse.
  The disc will be scanned slowly for the first 4 seconds, then the scanning speed will increase. While scanning in the disc play mode, the volume will be lowered to about 1/4 of the current disc play volume level.
  When you release the button, the display will show the number of the track being played, and disc play will continue.

Connections on the Rear Panel (Fig. 3)

CAUTION:

- Before connecting or disconnecting a unit from an audio system, be sure to switch off the power to each component.
- If this unit interferes with the tuner, switch off the unit during tuner operation.

1. **LINE OUT Jacks**
   Connect one end of the output cable (supplied) to the CD player's OUTPUT jacks and the other end to the jacks labelled CD, DAD, AUX, TAPE PLAY, TV, TUNER, etc., on the amplifier. Do not connect it to the amplifier's PHONO jacks.
   Do not confuse the right (R) and left (L) plugs when making connections. The white plug is for the left channel, and the red plug is for the right channel.

2. **REMOTE CONTROL Socket**
   Connect the 4-pin cable supplied with the CA-540 amplifier between this socket and the CD REMOTE CONTROL socket on the CA-540 amplifier.

3. **AC Power Cable**
   After completing all the connections, connect the power cord into an AC wall outlet with the proper AC (220V) voltage.

Fig. 3

a) Integrated Stereo Amplifier

Operating Information

Compact Discs

Handling the Discs

This unit has been designed to play compact discs bearing the identification logo shown in Fig. 4. No other discs can be played.

- Always place the compact disc in the disc tray with the label facing upward. Compact discs can be played on only one side.
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges (Fig. 5).

Fig. 5

a) Lift out.
b) The proper way to hold a compact disc.

- Fingerprints and dust should be carefully wiped off the disc's signal surface (glossy side) with a soft cloth. Unlike conventional records, the compact disc has no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles. Wipe in a straight motion from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.
- Never use such chemicals as record sprays, antistatic sprays or fluid, benzine or thinner to clean compact discs. Such chemicals would irreparably damage the disc's plastic surface.
- Discs should be returned to their cases after use to avoid serious scratches that could cause the laser pickup to skip.
- Do not expose discs to direct sunlight, high humidity, or high temperatures for extended periods. Long exposure to high temperatures can warp the disc.
- Do not stick paper or write anything with a ballpoint pen on the disc surface.

Loading and Unloading Discs

1. Press the POWER switch.
   (If the disc tray is already open, it will close automatically.)
2. Press the OPEN/CLOSE button. The «OP» shown on the TRACK/INDEX display will flash until the disc tray is opened fully. The disc tray will open.
   If the disc tray is blocked while opening, the tray will stop and close automatically after approximately 6 seconds.
3. When the disc tray has opened fully, remove a 12 cm disc from its case and place it carefully in the tray with the label side facing up (Fig. 6a), **or** remove an 8 cm disc from its case and place it correctly in the tray with the label side facing up (Fig. 6b).
   NOTE: Only load one disc at a time into the disc tray.
   The side opposite the label is the signal side. Handle the disc carefully to avoid leaving fingerprints on the disc surface.
4. To close the disc tray, press the OPEN/CLOSE button again or gently push in on the front of the tray.
   When the tray with a correctly loaded disc is fully closed, the disc will start turning automatically, and the total number of tracks will be read. The disc will then stop and the TRACK/INDEX display will change from «0» to indicate the total number of tracks. After several seconds «1» will be displayed, and the CD player will be set to the disc play standby mode.

After the disc is loaded, press the PLAY/PAUSE button to close the tray and automatically start disc play from the beginning of the first track.

Fig. 6a

a) 12 cm disc
b) Label surface
c) Disc tray

Fig. 6b

a) 8 cm disc
b) Label surface
c) Disc tray

- **Removing the disc**
  The disc tray can be opened at any time by pressing the OPEN/CLOSE button.
  Remove the disc only after the tray has opened fully.

CAUTION:

- Do not put anything except a compact disc into the tray. Foreign objects can damage the mechanism.
- Do not force the tray by hand during the opening and closing operations.
- To prevent dirt and dust from entering the mechanism, keep the disc tray closed when the CD player is not in use.
- Never load two discs into the disc tray at the same time.

- **If the disc is correctly loaded, the following information will be displayed:** (Fig. 7)

Fig. 7

a) Example:
b) Total number of tracks on the disc
c) Displayed for approximately 3 seconds
d) The CD player enters the disc play standby mode

NOTES:
- After the disc tray is fully closed, «0» may stay on the TRACK/INDEX display. This means that the disc is improperly loaded (most likely it is upside down). To check, open the disc tray again and reload the disc.
- If the disc tray is blocked while closing, the disc tray will stop and open automatically after approximately 6 seconds.
  If this happens, check the disc tray. Correct the problem before closing the tray again.

Automatic Function System

Make sure that the CD player's output cable and the CA-540 amplifier's 4-pin remote control cable are properly connected to the amplifier's rear panel.

When the CD player's PLAY/PAUSE button is pressed, the function of the CA-540 amplifier is automatically set to CD, and disc play will start.

Normal Disc Play

Before playing a disc, check the CD player's power cord and output cable connections (refer to Fig. 3).

1. Switch on the amplifier and set its input selector to the correct position for disc play.
2. Press the POWER switch.
3. Press the OPEN/CLOSE button to open the disc tray, and load a disc.
4. Press the OPEN/CLOSE button again to close the disc tray.
5. Press the PLAY/PAUSE button. The PLAY indicator will light. Disc play will start from the beginning of the first track.
   If the desired track and index have been set with the Track Search and SCAN/INDEX Search buttons, before pressing the PLAY/PAUSE button, disc play will start with the selected track and index when the PLAY/PAUSE button is pressed.
6. When the last track has finished playing, the CD player will return to the beginning of the first track, and enter the disc play standby mode.

NOTES:
- If the disc is deeply scratched, or too dirty, disc play may not start.
- If an improperly centered disc is played, noise can be heard in the mechanism. The use of such discs should be avoided.

Important Information

Fisher compact disc players have built-in error compensation circuits to correct for minor manufacturing defects in a disc. There are limits, however, to the amount of correction available.

In some cases, the CD player may skip some tracks on a disc during disc play. This problem may be caused by defects (such as scratches) in the disc being played, which are too large for the error compensation circuits to handle. If you encounter this problem, check the CD player's operation as follows, before having the unit serviced.

Play a new disc. If the CD player operates normally, the skipping problem is probably due to a defective disc.

To Stop Disc Play Part Way Through

- **To unload the disc . . .**
  Press the OPEN/CLOSE button to open the disc tray.

- **To stop disc play . . . (Fig. 8)**
  Press the STOP button. Disc play will stop, the PLAY indicator will go off, and the TRACK/INDEX display will show «1». The CD player will return to the beginning of the first track, and enter the disc play standby mode.

Fig. 8

a) Example:
b) Press the STOP button.
c) The CD player enters the disc play standby mode.

- **To temporarily stop disc play (pause mode) . . .**
  Press the PLAY/PAUSE button. Disc play will stop at the current play position. The PLAY indicator will flash.
  Press the PLAY/PAUSE button again to resume disc play from the pause position. The PLAY indicator will remain on.

Track Search

Starting disc play from the beginning of a track

Press the F FWD or F BACK button to select the desired track. The number of the selected track will be shown on the TRACK/INDEX display.

- **To skip to the next track**
  Example: To skip ahead to the beginning of track 5 while track 4 is playing . . . (Fig. 9)

Fig. 9

a) Track 4
b) Track 5
c) Press the F FWD button once.
d) Disc play starts with track 5.

The CD player will skip ahead to the next track each time the F FWD button is pressed. Continuously pressing the F FWD button makes the CD player skip ahead through the disc, track by track. Advance to the track that you want to hear. The CD player can be advanced to the last track in this way. Once the beginning of the last track is reached, the CD player will not advance any farther when the F FWD button is pressed. When the last track is reached, disc play will start at the beginning of the last track.

- **To skip back to the previous track**
  Example: To skip back to the beginning of track 3 while track 4 is playing . . . (Fig. 10)

Fig. 10

a) Track 3
b) Track 4
c) Press the F BACK button twice.
d) Disc play starts with track 3.

The CD player will skip back one track each time the F BACK button is pressed. If this button is pressed in the middle of a track, the CD player will skip back to the beginning of that track. To make it skip back to the previous track, press the F BACK button twice.
Continuously pressing the F BACK button makes the CD player skip back through the disc, track by track. Return to the track that you want to hear. The CD player can be returned to the first track in this way. Once the beginning of the first track is reached, the CD player will not go back any farther when the F BACK button is pressed. When the button is released, disc play will start at the beginning of the first track.

NOTE:
The F FWD and F BACK buttons can be used to start disc play from a desired track even before disc play starts (when the CD player is in the disc play standby mode). In this case, the number of the selected track will be displayed until the PLAY/PAUSE button is pressed.
Tracks can be selected even when the disc tray is open. However, if a track number not present in the disc is selected, disc play will start from the beginning of the last track.

Starting disc play from an index within a track

After loading the disc, when the CD player is in the stop mode, or when the disc tray is open, press the F FWD or F BACK button to select the desired track.
After selecting the first track to be played back, use the SCAN/INDEX ▶| or |◀ button to select the desired index. The number of the selected index shown on the TRACK/INDEX display will flash.
Press the PLAY/PAUSE button to start disc play from the selected track and index (Fig. 11).
After disc play starts, the TRACK/INDEX display will show the number of the track that is playing.

Fig. 11

a) Example: To play index 2 within track 4 . . .
b) Track 4
c) Index 1
d) Index 2
e) Index 3
f) To select track 4, press the F FWD or F BACK button.
g) To select index 2, press the SCAN/INDEX ▶| or |◀ button.
h) Flashing
i) Press the PLAY/PAUSE button.
j) Disc play starts with index 2 within track 4.

NOTE:
Only a few compact discs are recorded with tracks that contain indexes, while many discs do not contain index-encoded tracks.
If a track does not contain indexes, index numbers can still be selected and displayed while the CD player is in the stop mode, but disc play will always start at the beginning of the selected track.

Fast Forwarding and Fast Backing

During disc play, press the SCAN/INDEX buttons (▶| or |◀) for fast forward or fast back operation.

- **During the DISC PLAY mode**
  When either SCAN/INDEX button is pressed, the disc will be scanned slowly for the first 4 seconds, then scanning speed will increase, and the volume will be lowered to about 1/4 of the current disc play volume level.

- **During the PAUSE mode**
  The SCAN/INDEX buttons will not operate.

- **During the STOP mode**
  Press the SCAN/INDEX buttons to select the desired index within a track. The number of the selected index shown on the TRACK/INDEX display will flash.

NOTES:
- During disc play of the last track, if the SCAN/INDEX ▶| button is held down until the CD player reaches the end of the disc, the TRACK/INDEX display will show the last track. When the button is released, the TRACK/INDEX display will show «1», and the CD player will be in the stop mode.
- During disc play of the first track, if the SCAN/INDEX |◀ button is held down until the CD player reaches the beginning of the first track, the TRACK/INDEX display will show «1». When the button is released, disc play will start at the beginning of the first track.

Programmed Disc Play

It is not possible to enter programs during disc play. Press the STOP button first, then enter a program.

Entering a Program . . .

1. Press the STOP button.
2. Select a track number using the F FWD or F BACK button. The track number is shown on the TRACK/INDEX display.
3. Press the MEMORY button. The MEMORY indicator will light.
   The first program selection is now stored in the program memory.
4. Select the next track number. The track number shown on the TRACK/INDEX display will flash.
5. Press the MEMORY button. The track number shown on the TRACK/INDEX display will remain on.
   The second program selection is now stored in the program memory.
6. Continue entering track numbers until all the desired tracks are programmed for disc play (up to a total of 16). If the F FWD or F BACK button is pressed after 16 tracks have been selected, the number shown on the TRACK/INDEX display will not change, remaining at the number of the track entered last.
7. If you wish to add a track to the program during the programmed disc play standby mode (when less than 16 tracks have been entered), press the MEMORY button. The number of the last programmed track will be shown on the TRACK/INDEX display. Press the F FWD or F BACK button until the number of the desired track is shown (flashing) on the TRACK/INDEX display, and then press the MEMORY button. The added track will be entered as the last programmed track.

NOTES:
- While the TRACK/INDEX display is flashing, if the PLAY/PAUSE button is pressed, the flashing number will not be programmed, and disc play will start from the first programmed track.
- If the MEMORY button is pressed during the stop mode, without pressing the F FWD button first, the first track on the disc will be entered as program number 1.
- When a track number which is not on the disc is entered, it will be cleared from the program memory during disc play. The total number of programmed tracks will automatically decrease.

Example: (Fig. 12)
In this example of programmed disc play, five of the 10 tracks are included. A track can be programmed for disc play more than once.

Fig. 12

a) Track number
b) Beginning of disc
c) End of disc
d) **PROGRAM**
e) Order of disc play
f) Track number
g) Beginning of programmed disc play
h) End of programmed disc play

- **Listening to programmed tracks . . .**

1. Press the PLAY/PAUSE button. The PLAY indicator will light.
2. Disc play will start at the beginning of the first programmed track.
3. When all of the programmed tracks have finished playing, the track number entered last will remain lit, and the CD player will enter the programmed disc play standby mode.

- **To Review the Program Contents . . .**

1. Press the STOP button once during the programmed disc play to set the CD player to the programmed disc play standby mode.
2. Press the MEMORY button. All of the track numbers stored in the program memory will be automatically shown, in the order that they were memorized, on the TRACK/INDEX display. The track number entered last will be shown on the TRACK/INDEX display, and then the CD player will enter the programmed disc play standby mode.

- **To Clear the Program Memory . . .**

1. During programmed disc play, press the STOP button once to set the CD player to the programmed disc play standby mode.
2. Press the STOP button once more. The program memory will be cleared, and the CD player will remain in the stop mode.

NOTE:
The program memory will also be cleared if the disc tray is opened, or if the CD player's power is switched off.

Repeat Disc Play

Use the REPEAT button for repeat disc play of all the tracks on the disc, one track, or all the programmed tracks.

For repeat disc play of all the tracks on a disc (Fig. 13)

Fig. 13

a) Track 1
b) Track 2
c) Track 3
d) Last Track

1. Press the REPEAT button once. The ALL REPEAT indicator will light.
2. Press the PLAY/PAUSE button. The PLAY indicator will light.
3. The disc will be played through to the end of the last track, and the CD player will automatically return to the beginning of the first track. Repeat disc play will continue until the STOP button is pressed.
4. If the REPEAT button is pressed twice (the REPEAT indicator will go off), repeat play will end, and normal disc play will continue from that point.
5. When the last track has finished playing, the CD player will be set to the stop mode, and the PLAY indicator will go off.

For repeat disc play of one track (Fig. 14)

Fig. 14

a) Previous Track
b) Track being played
c) Next Track

1. Press the REPEAT button twice. The ONE REPEAT indicator will light.
2. Select the desired track for disc play using the F FWD or F BACK button. The track number will be shown on the TRACK/INDEX display.
3. Press the PLAY/PAUSE button. The PLAY indicator will light.
4. The selected track will be played through to its end, and the CD player will automatically return to the beginning of the track. Repeat disc play will continue until the STOP button is pressed.
5. If the REPEAT button is pressed once (the REPEAT indicator will go off), repeat play will end, and normal disc play of the selected track will continue from that point.
6. When the selected track has finished playing, the CD player will be set to the stop mode, and the PLAY indicator will go off.

For repeat disc play of all the programmed tracks

1. Press the REPEAT button once. The ALL REPEAT indicator will light.
2. Enter a program.
3. Press the PLAY/PAUSE button. The PLAY indicator will light.
4. All the programmed tracks will be played, in order, until the STOP button is pressed.
5. If the REPEAT button is pressed twice (the REPEAT indicator will go off), repeat play will end, and programmed disc play will continue from that point.
6. When the last programmed track has finished playing, the CD player will be set to the stop mode, and the PLAY indicator will go off.

Using the REM-M82 Remote Control

This CD player can also be operated by pressing the desired buttons on the REM-M82 remote control which is supplied with the TAC-M82 double cassette receiver. Refer to the Remote Control section in the Operating Instructions manual supplied with the TAC-M82 double cassette receiver.

Troubleshooting Guide

If difficulties aries with your compact disc player, locate the apparent problem in the let column of the table and follow the corrective action suggested in the right one.

1. Is the compact disc player properly connected to the double cassette receiver?
2. Is the double cassette receiver set for the proper operation?
3. Have the operating instructions for the compact disc player been followed?

Symptom	Possible Cause	Corrective Action
The power fails to switch on when the POWER switch is set to ON.	Poor power plug connection at the AC outlet.	Insert the power plug firmly into the AC outlet.
Disc play does not start.	The disc is loaded upside down.	Reload the disc with the label side up.
	The disc is too dirty.	Clean the disc.
No sound.	Improper output cable connections.	Connect the output cable properly.
	Improper double cassette receiver operation.	Make sure that the double cassette receiver controls are set properly.
Sound skips.	The CD player is subject to vibrations or physical shock.	Change the installation location.
Programmed disc play will not function.	The CD player is in the normal disc play mode.	Press the STOP button, and then program the tracks.
Hum.	Loose cable connections.	Firmly connect all audio plugs.